

10/593992  
IAP9 Rec'd PCT/PTO 22 SEP 2006

Atty. Docket No. 32584-1050

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	)	
Suk Shin IN	)	
Serial No.:	)	Group Art Unit: Not Assigned
Not Assigned	)	
PCT No.	)	Examiner: Not Assigned
PCT/KR2005/000862	)	
Filed:	)	
September 22, 2006	)	
For:	)	
WATER HAMMER	)	

San Diego, California  
September 22, 2006

Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

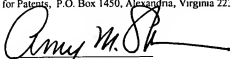
Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicants make the below-listed documents of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

**CERTIFICATE EXPRESS OF MAILING**

I hereby certify that this correspondence and anything being referred to as enclosed herein is being deposited with the United States Postal Service via Express Mail "Post Office to Addressee," Label # EV 493199698, with sufficient postage in an envelope addressed to Mail Stop: PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 22<sup>nd</sup> of September, 2006.

Signature:

  
Amy M. Sheridan

U.S. Patents and Patent Publications

1. U.S. Patent No. 5,787,995, to Ekwall et al., issued on August 4, 1998;
2. U.S. Patent No. 5,107,944, to Per Gustafsson, issued on April 28, 1992; and
3. U.S. Patent No. 4,660,658, to Per Gustafsson, issued on April 28, 1987.

Non-U.S. Patent Documents

1. Japanese Publication No. JP 10-088952 to Koken Boring Mach Co. Ltd., published on April 7, 1998; and
2. International PCT Publication No. WO 94/23171, to SDS Pty. Ltd., published on October 13, 1994.

Copies of the U.S. patents and U.S. patent publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003". Copies of the above-listed non-U.S. documents, which are listed above and on the accompanying Form PTO/SB/08, are enclosed. In addition to the documents listed herein, also enclosed is a photocopy of the International Search Report from the international application.

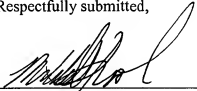
It is respectfully requested that this document be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of Form PTO/SB/08, upon being considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed concurrently with a Request for National Stage into the United States based upon a related international application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission. If a fee is required, please charge Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

Date

9/22/06

  
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Attorney for Applicant(s)  
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Approved for use through 10/31/2002, OMB 0651-0031

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

<b>Application Number</b>	Not Assigned
<b>Filing Date</b>	September 22, 2006
<b>First Named Inventor</b>	Suk Shin IN
<b>Art Unit</b>	Not Assigned
<b>Examiner Name</b>	Not Assigned
<b>Attorney Docket Number</b>	32584-1050

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/William Neuder/	Date Considered	05/19/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard 2.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 2.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.